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ABSTRACT

The purpose of this publication is to modify and update the list of discipline specialties in the Higher Education General Information Survey (HEGIS) questionnaires and to make the list sufficiently flexible and comprehensive for adaptation to overall institutional recordkeeping, apart from HEGIS reporting. The taxonomy is divided in 2 sections: (1) conventional academic subdivisions of knowledge and training; and (2) technological and occupational curriculums leading to associate degrees and other awards below the baccalaureate. A system for translating records based on old coding procedures into the new specialty list is also provided. (AF)

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION

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U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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FOREWORD

SINCE THE Higher Education General Information Survey package was first assembled from disparate periodic survey forms of the Office of Education in 1966, it has been apparent to the National Center for Educational Statistics and to the higher education community that the various lists of higher education instructional programs in the HEGIS packages needed to be revised to bring them in line with the best current practice and to make them consistent with each other. This publication responds to that need.

The taxonomy of instructional programs will be used in the HEGIS surveys of 1971-72, and all subsequent surveys whenever the data are acquired on the basis of instructional programs. This will include the future surveys of earned degrees and other formal awards, enrollment for advanced degrees, upper division enrollment by major, field of training of faculty, instructional program assignments of faculty, expenditures by instructional program, etc. Because the translation of current records on physical plant space presents some unusual difficulties, present plans contemplate no survey of the allocation of physical plant space by instructional program again until the fall term of 1974.

This taxonomy represents an effort to prescribe not how instructional programs should be organized but how the majority of institutions of higher education actually do organize and record data on instructional programs. At the same time, it attempts to reflect categories for which data are needed. Every institution, association, and professional organization in higher education was asked to assist in the development of this taxonomy, and every comment and suggestion was reviewed and evaluated.

In another form, this taxonomy has been adopted as the core portion of the Program Classification Structure developed by the Western Interstate Commission for Higher Education's Management Information Systems Program (WICHE-MIS), and will be essential for use of the WICHE-MIS standard models and cost exchange procedures.

The present report is being published far in advance of its first prospective use in 1971-72 in order to provide a maximum lead time for any change of institutional records deemed necessary. According to current plans, this taxonomy will not be modified in any major way (apart from the addition of new instructional programs) during the ensuing 5-year period in order that institutions and other agencies may receive a maximum return from the time and effort expended in the construction or modification of file systems. The continued provision of criticism and comment is encouraged both to assist us in minor modifications and to help us prepare for eventual major revision.

THEODORE H. DREWS, *Chief*
Higher Education Surveys Branch

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INTRODUCTION

BACKGROUND

MANY MEMBERS of the higher education community have recommended modification and updating of the list of discipline specialties in the Higher Education General Information Survey (HEGIS) questionnaires. Moreover, they have urged that the list be made sufficiently flexible and comprehensive for adaptation to overall institutional recordkeeping, apart from HEGIS reporting. This revision—incorporating the suggestions—has the following specific objectives:

1. To produce a list of instructional programs that would be equally applicable to HEGIS data on students, faculty assignments, finance, and space.
2. To reflect as accurately as possible the instructional programs and curriculums now in existence or likely to appear in the future.
3. To build enough comprehensiveness and flexibility into the list so that it may remain relatively stable.
4. To construct a list which is acceptable and practical for general institutional recordkeeping, for management information systems, and for program budget structure employed by higher education institutions.
5. To provide a system for transiating records based on old coding procedures (e.g., the Higher Education Facilities Classification) into the new specialty list.

The standard list of instructional programs presented in this publication was developed cooperatively by the National Center for Educational Statistics and the National Center for Educational Research and Development (both of the Office of Education), and the Western Interstate Commission on Higher Education.

A crucial feature in the development of the standard list was a comprehensive review process involving all sectors of the higher education community—Federal agencies concerned with statistical data on higher education, institutions of higher education, and higher education associations and organizations. The review process began in the spring of 1969 when a preliminary draft of the list was circulated to a number of persons in the higher education community; in addition, field visits were made to a sample of institutions for discussion of the list. Comments generated by the first review cycle provided a basis for a revision that was developed by a committee made up of representatives of the American Association of Collegiate Registrars and Admissions Officers, the American Council on Education, and the Council of Graduate Schools in the United States, together with representatives of the Office of Education and the Western Interstate Commission. The resulting draft was then sent to Federal agencies, to education associations and organizations, and to *all* institutions of higher education. The final version presented here reflects not only comments volunteered by the numerous reviewers but also the outcome of a series of meetings with representatives of other Federal agencies.

After the standard list itself had been developed, the final step was to construct the index and the translation tables. The translation tables show the relationship of the new system to the systems used in the HEGIS Earned Degree survey, the Higher Education Facilities Classification, the Vocational Education and Occupations classification systems, and the U.S. Bureau of the Budget Standard Classification of Fields of Science and Engineering.

A VIEW OF THE INSTITUTIONAL REPORTING TASK

No centrally prepared list can precisely match the pattern of discipline titles and content within all institutions. Despite institutional variations, the new list is designed to contain a definite place for *every* specialization needed for classifying students, faculty assignments, finance, and facilities. To the extent that the list attains this objective, institutions may also find it useful for their own records systems even though it is not a "perfect fit."

Each institution, then, will interpret its own programs in terms of the new HEGIS list and translate its own titles into HEGIS terminology. For example, what one college calls "biostatistics" may be judged comparable to "biometrics" on the HEGIS list. Some institutions may find it convenient to record their own discipline codes next to the HEGIS codes in the index.

Once the proper reporting category has been decided for each degree program that an institution offers, the preparation of HEGIS reports should be quite simple. For example, each student's major field, each faculty member's teaching assignments, and each space allocation could be coded according to the discipline specialization list and the codes stored in the institution's regular data file. Then, by a fairly routine clerical operation (or a simple computer program), HEGIS and other reports could be compiled from institutional files. If an institution has kept its records in accordance with the old HEGIS codes (or with one of the other systems covered by the translation tables), conversion to the new system should be quite straightforward.

It should be recognized that a particular faculty member, student, or facility may require several codes for complete identification. For example, a faculty member may have a series of degrees, each in a different field; he may be assigned by the institution to work in some other field; and he may consider that his primary research competence is in still another field.

In attempting to use the new HEGIS list, the user is urged to "browse" through the entire list to see how the discipline specialties have been ordered. Such browsing will serve at least two purposes: first, to identify substantial portions of the list that may be ignored by a particular college and, second, to avoid classifying a program into a semiappropriate category near the start of the list when there is a more appropriate category further along.

THE DISCIPLINE CLASSIFICATION

The new HEGIS classification is divided into two main sections. Section I deals with conventional academic subdivisions of knowledge and training; section II, with technologies and occupation specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

Within the two sections, each discipline *division* is shown in bold type at the beginning of each specialty list, along with a brief definition. Under the discipline division are listed the discipline *specialties*. It should be noted that the discipline specialty list is not intended to be a list of individual courses.

Inevitably, the decision that certain specialties belong under one division rather than another is somewhat arbitrary; some users will disagree with certain classifications. For example, one institution may classify botany under agriculture and another may classify it under biological sciences; economics may be classified under business and commerce or under social studies. The important point is that data can be reported in the appropriate, specific category. The user who wishes to aggregate in a manner other than that implied by the HEGIS discipline division may then do so.

The first title under most of the discipline divisions is listed as a *general* category. This is intended to provide some flexibility in the reporting scheme and should be useful for broad programs that encompass several of the listed specialties.

When attempting to classify an individual or a facility which does not seem to fit into the list, the institution has two choices: (1) it can be listed by name under "other" if it seems to represent an unlisted specialty, or (2) it can be placed in the "general" category if it seems to cover several listed specialties. Such fine points must be decided at the institutional level, but it is hoped that the index is comprehensive enough to minimize the need for such decisions.

THE INDEX

To satisfy the many purposes for which the taxonomy is intended, it must be very lengthy and diverse. To make it easier to use, it is followed by two alphabetical indexes of program titles—including a number of related titles not appearing in the discipline classification—showing the discipline category in which the item should be placed. The first index applies to the conventional academic subdivisions of knowledge; the second, to technologies and other occupational specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

THE TRANSLATION TABLES

The tables on pages 21–32 of this publication provide a means for translating into the new coding system from:

1. The list of academic specialties used in the HEGIS survey of degrees awarded in 1968–69. Essentially the same list was used in the HEGIS survey of Students Enrolled for Advanced Degrees.
2. The Standard Classification of Organizational Units and Subject Fields, from the Higher Edu-

cation Facilities Classification and Inventory Procedures Manual.

3. The list of technical education programs from *Vocational Education and Occupations,* published by the U.S. Office of Education and the U.S. Department of Labor, Manpower Administration.
4. The U.S. Bureau of the Budget Circular A-46, Standard Classification of Fields of Science and Engineering.

In reviewing the translation tables, it will be noted that the new list provides coverage of all specialties included in the four documents cited above. In many instances, the new list provides for much greater specificity of reporting than the old systems. For example, the HEGIS Earned Degree list uses a single code (7710) for area studies; by comparison, area studies involves 15 different codes in the new list, with separate codes for East Asiatic studies, Islamic studies, Russian and other Slavic studies, and so forth. Similarly, BOB Circular A-46 provides only a single code for chemistry as compared with five in the new list (organic chemistry, physical chemistry, general chemistry, and so forth).

CODING

It will be noted that, within the discipline divisions, the lists of discipline specialties have been arranged without strict adherence to alphabetical or other logical sequence. This is done purposely: any additions to the lists during the next few years can be made without disturbing the coding sequence or the rationale of the listing arrangement. Furthermore, this system purposely avoids arbitrary organizations of fields into questionable and potentially controversial hierarchies of subfields and sub-subfields within a discipline division. Thus, avoidance of a logical sequence for the discipline specialty lists is deemed desirable and actually becomes the rationale for the arrangement.

A block coding scheme has been used in this taxonomy. The first two digits of the four-digit code identify the discipline division. Numbers 01 through 49 are used for identification of the conventional academic fields of section I. Numbers 50 and above are used as the first two code digits to identify the technologies and vocational specialties of section II. Under all discipline divisions, the last two digits of the code are used to identify the specialties.

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION

Section I:
CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

Section II:
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE

Section I:

CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

0100 AGRICULTURE and NATURAL RESOURCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the production of food and management of natural fiber, plant, forest, and wildlife resources.

0101 Agriculture, general
0102 Agronomy (field crops, and crop management)
0103 Soils science (management and conservation)
0104 Animal science (husbandry)
0105 Dairy science (husbandry)
0106 Poultry science
0107 Fish, game, and wildlife management
0108 Horticulture (fruit and vegetable production)
0109 Ornamental horticulture (floriculture, nursery science)
0110 Agricultural and farm management
0111 Agricultural economics
0112 Agricultural business
0113 Food science and technology
0114 Forestry
0115 Natural resources management
0116 Agriculture and forestry technologies (baccalaureate and higher programs)
0117 Range management
0199 Other, specify

0200 ARCHITECTURE and ENVIRONMENTAL DESIGN

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with training for a profession in designing buildings, communities, parks, and other manmade aspects of the physiosocial environment.

0201 Environmental design, general
0202 Architecture
0203 Interior design
0204 Landscape architecture
0205 Urban architecture
0206 City, community, and regional planning
0299 Other, specify

0300 AREA STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with programs designed to study cultures indigenous to specific geographic regions.

0301 Asian studies, general
0302 East Asian studies
0303 South Asian (India, etc.) studies
0304 Southeast Asian studies
0305 African studies
0306 Islamic studies
0307 Russian and Slavic studies
0308 Latin American studies
0309 Middle Eastern studies
0310 European studies, general
0311 Eastern European studies
0312 West European studies
0313 American studies
0314 Pacific area studies
0399 Other, specify

0400 BIOLOGICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of life or living matter in all its forms and phenomena especially with regard to the origin, growth, reproduction, and structure of life forms.

0401 Biology, general
0402 Botany, general
0403 Bacteriology
0404 Plant pathology
0405 Plant pharmacology
0406 Plant physiology
0407 Zoology, general
0408 Pathology, human and animal
0409 Pharmacology, human and animal
0410 Physiology, human and animal
0411 Microbiology
0412 Anatomy
0413 Histology
0414 Biochemistry
0415 Biophysics
0416 Molecular biology
0417 Cell biology (cytology, cell physiology)
0418 Marine biology
0419 Biometrics and biostatistics
0420 Ecology
0421 Entomology
0422 Genetics
0423 Radiobiology
0424 Nutrition, scientific (excludes nutrition in home economics and dietetics)
0425 Neurosciences
0426 Toxicology
0427 Embryology
0499 Other, specify

0500 BUSINESS and MANAGEMENT

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to the organization, operation, administration, and control of private and public organizations.

0501 Business and commerce, general
0502 Accounting
0503 Business statistics
0504 Banking and finance
0505 Investments and securities
0506 Business management and administration
0507 Operations research
0508 Hotel and restaurant management
0509 Marketing and purchasing
0510 Transportation and public utilities
0511 Real estate
0512 Insurance
0513 International business
0514 Secretarial studies (baccalaureate and higher programs)
0515 Personnel management
0516 Labor and industrial relations
0517 Business economics
0599 Other, specify

0600 COMMUNICATIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to collection, preparation, and presentation of ideas and information intended for popular consumption through mass media.

0601 Communications, general
0602 Journalism (printed media)
0603 Radio/television
0604 Advertising
0605 Communication media (use of videotape, films, etc., oriented specifically toward radio/television)
0699 Other, specify

0700 COMPUTER and INFORMATION SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, course work, research projects, etc. having to do with the design, development, and application of computer capabilities to data storage and manipulation and related computational procedures.

0701 Computer and information sciences, general
0702 Information sciences and systems
0703 Data processing
0704 Computer programming
0705 Systems analysis
0799 Other, specify

0800 EDUCATION

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to administration and control of educational organizations and institutions and subjects related to instruction and services both within and outside of such formal organizations.

0801 Education, general
0802 Elementary education, general
0803 Secondary education, general
0804 Junior high school education
0805 Higher education, general
0806 Junior and community college education
0807 Adult and continuing education
0808 Special education, general
0809 Administration of special education
0810 Education of the mentally retarded
0811 Education of the gifted
0812 Education of the deaf
0813 Education of the culturally disadvantaged
0814 Education of the visually handicapped
0815 Speech correction
0816 Education of the emotionally disturbed
0817 Remedial education
0818 Special learning disabilities
0819 Education of the physically handicapped
0820 Education of the multiple handicapped
0821 Social foundations (history and philosophy of education)
0822 Educational psychology (include learning theory)
0823 Pre-elementary education (kindergarten)
0824 Educational statistics and research
0825 Educational testing, evaluation and measurement
0826 Student personnel (counseling and guidance)
0827 Educational administration
0828 Educational supervision
0829 Curriculum and instruction
0830 Reading education (methodology and theory)
0831 Art education (methodology and theory)
0832 Music education (methodology and theory)
0833 Mathematics education (methodology and theory)
0834 Science education (methodology and theory)
0835 Physical education
0836 Driver and safety education
0837 Health education (include family life education)
0838 Business, commerce, and distributive education
0839 Industrial arts, vocational, and technical education
0899 Other, specify

0900 ENGINEERING

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the practical application of basic scientific knowledge to the design, production, and operation of systems intended to facilitate man's control and use of his natural environment.

0901 Engineering, general
0902 Aerospace, aeronautical and astronautical engineering
0903 Agricultural engineering
0904 Architectural engineering
0905 Bioengineering and biomedical engineering
0906 Chemical engineering (include petroleum refining)
0907 Petroleum engineering (exclude petroleum refining)
0908 Civil, construction, and transportation engineering
0909 Electrical, electronics, and communications engineering
0910 Mechanical engineering
0911 Geological engineering
0912 Geophysical engineering
0913 Industrial and management engineering
0914 Metallurgical engineering
0915 Materials engineering
0916 Ceramic engineering
0917 Textile engineering
0918 Mining and mineral engineering
0919 Engineering physics
0920 Nuclear engineering
0921 Engineering mechanics
0922 Environmental and sanitary engineering
0923 Naval architecture and marine engineering
0924 Ocean engineering
0925 Engineering technologies (baccalaureate and higher programs)
0999 Other, specify

1000 FINE and APPLIED ARTS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and non-visual representations and symbols.

1001 Fine arts, general
1002 Art (painting, drawing, sculpture)
1003 Art history and appreciation
1004 Music (performing, composition, theory)
1005 Music (liberal arts program)
1006 Music history and appreciation (musicology)
1007 Dramatic arts
1008 Dance
1009 Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)
1010 Cinematography
1011 Photography
1099 Other, specify

1100 FOREIGN LANGUAGES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to mastery of a language other than English or related to the study of a foreign culture through exploration of the literature of that culture as expressed in the vernacular language.

1101 Foreign languages, general (includes concentration on more than one foreign language without major emphasis on one language)
1102 French
1103 German
1104 Italian
1105 Spanish
1106 Russian
1107 Chinese

1108 Japanese
1109 Latin
1110 Greek, classical
1111 Hebrew
1112 Arabic
1113 Indian (Asiatic)
1114 Scandinavian languages
1115 Slavic languages (other than Russian)
1116 African languages (non-Semitic)
1199 Other, specify

1200 HEALTH PROFESSIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the maintenance and restoration of physical and mental health.

1201 Health professions, general
1202 Hospital and health care administration
1203 Nursing (baccalaureate and higher programs)
1204 Dentistry, D.D.S. or D.M.D. degree
1205 Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)
1206 Medicine, M.D. degree
1207 Medical specialties (work beyond first-professional degree, M.D.)
1208 Occupational therapy
1209 Optometry
1210 Osteopathic medicine, D.O. degree
1211 Pharmacy
1212 Physical therapy
1213 Dental hygiene (baccalaureate and higher programs)
1214 Public health
1215 Medical record librarianship
1216 Podiatry (Pod.D. or D. P.) or podiatric medicine (D.P.M.)
1217 Biomedical communication
1218 Veterinary medicine (D.V.M. degree)
1219 Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)
1220 Speech pathology and audiology
1221 Chiropractic
1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)
1223 Medical laboratory technologies (baccalaureate and higher programs)
1224 Dental technologies (baccalaureate and higher programs)
1225 Radiologic technologies (baccalaureate and higher programs)
1299 Other, specify

1300 HOME ECONOMICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the theory and practice of family and home care including the science of foods, home decoration and management, and child care.

1301 Home economics, general
1302 Home decoration and home equipment
1303 Clothing and textiles
1304 Consumer economics and home management
1305 Family relations and child development
1306 Foods and nutrition (include dietetics)
1307 Institutional management and cafeteria management
1399 Other, specify

1400 LAW

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.

1401 Law, general
1499 Other, specify

1500 LETTERS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with English language and literature and value systems related to ancient and modern cultures.

1501 English, general
1502 Literature, English
1503 Comparative literature
1504 Classics
1505 Linguistics (include phonetics, semantics, and philology)
1506 Speech, debate, and forensic science (rhetoric and public address)
1507 Creative writing
1508 Teaching of English as a foreign language
1509 Philosophy
1510 Religious studies (exclude theological professions)
1599 Other, specify

1600 LIBRARY SCIENCE

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the professional skills required to organize collections of books and related materials and the training necessary for providing services related to them.

1601 Library science, general
1699 Other, specify

1700 MATHEMATICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.

1701 Mathematics, general
1702 Statistics, mathematical and theoretical
1703 Applied mathematics
1799 Other, specify

1800 MILITARY SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with techniques and skills unique to the pursuit of a professional career as a military officer.

1801 Military science (Army)
1802 Naval science (Navy, Marines)
1803 Aerospace science (Air Force)
1899 Other, specify

1900 PHYSICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the basic nature of matter, energy, and associated phenomena.

1901 Physical sciences, general
1902 Physics, general (exclude biophysics)
1903 Molecular physics
1904 Nuclear physics

1905 Chemistry, general (exclude biochemistry)
1906 Inorganic chemistry
1907 Organic chemistry
1908 Physical chemistry
1909 Analytical chemistry
1910 Pharmaceutical chemistry
1911 Astronomy
1912 Astrophysics
1913 Atmospheric sciences and meteorology
1914 Geology
1915 Geochemistry
1916 Geophysics and seismology
1917 Earth sciences, general
1918 Paleontology
1919 Oceanography
1920 Metallurgy
1999 Other, specify

2000 PSYCHOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with behavioral and mental processes.

2001 Psychology, general
2002 Experimental psychology (animal and human)
2003 Clinical psychology
2004 Psychology for counseling
2005 Social psychology
2006 Psychometrics
2007 Statistics in psychology
2008 Industrial psychology
2009 Developmental psychology
2010 Physiological psychology
2099 Other, specify

2100 PUBLIC AFFAIRS and SERVICES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to developing and improving competencies in the management and operation of governmental agencies.

2101 Community services, general
2102 Public administration
2103 Parks and recreation management
2104 Social work and helping services (other than clinical social work)
2105 Law enforcement and corrections (baccalaureate and higher programs)
2106 International public service (other than diplomatic service)
2199 Other, specify

2200 SOCIAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.

2201 Social sciences, general
2202 Anthropology
2203 Archaeology
2204 Economics
2205 History
2206 Geography
2207 Political science and government
2208 Sociology
2209 Criminology
2210 International relations
2211 Afro-American (black culture) studies
2212 American Indian cultural studies
2213 Mexican-American cultural studies
2214 Urban studies
2215 Demography
2299 Other, specify

2300 THEOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to preparation and training for a religious vocation.

2301 Theological professions, general
2302 Religious music
2303 Biblical languages
2304 Religious education
2399 Other, specify

4900 INTERDISCIPLINARY STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. involving more than one major discipline without primary concentration in any one area.

4901 General liberal arts and sciences
4902 Biological and physical sciences
4903 Humanities and social sciences
4904 Engineering and other disciplines
4999 Other, specify

Section II:

TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE

5000 BUSINESS and COMMERCE TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for commercial, business, or secretarial occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5001 Business and commerce technologies, general
5002 Accounting technologies
5003 Banking and finance technologies
5004 Marketing, distribution, purchasing, business, and industrial management technologies
5005 Secretarial technologies (include office machines training)
5006 Personal service technologies (stewardess, cosmetologist, etc.)
5007 Photography technologies
5008 Communications and broadcasting technologies (radio/television, newspapers)
5009 Printing and lithography technologies
5010 Hotel and restaurant management technologies
5011 Transportation and public utility technologies
5012 Applied arts, graphic arts, and fine arts technologies (include advertising design)
5099 Other, specify

5100 DATA PROCESSING TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for data processing or related occupations at the

semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5101 Data processing technologies, general
5102 Key punch operator and other input preparation technologies
5103 Computer programmer technologies
5104 Computer operator and peripheral equipment operation technologies
5105 Data processing equipment maintenance technologies
5199 Other, specify

5200 HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for health service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5201 Health services assistant technologies, general
5202 Dental assistant technologies
5203 Dental hygiene technologies
5204 Dental laboratory technologies
5205 Medical or biological laboratory assistant technologies
5206 Animal laboratory assistant technologies
5207 Radiologic technologies (X-ray, etc.)
5208 Nursing, R.N. (less than 4-year program)
5209 Nursing, practical (L.P.N. or L.V.N.—less than 4-year program)
5210 Occupational therapy technologies
5211 Surgical technologies
5212 Optical technologies (include ocular care, ophthalmic, optometric technologies)
5213 Medical record technologies
5214 Medical assistant and medical office assistant technologies
5215 Inhalation therapy technologies
5216 Psychiatric technologies (include mental health aide programs)
5217 Electro diagnostic technologies (include E.K.G., E.E.G., etc.)
5218 Institutional management technologies (rest home, etc.)
5219 Physical therapy technologies
5299 Other, specify

5300 MECHANICAL and ENGINEERING TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for mechanical and engineering related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5301 Mechanical and engineering technologies, general
5302 Aeronautical and aviation technologies
5303 Engineering graphics (tool and machine drafting and design)
5304 Architectural drafting technologies
5305 Chemical technologies (include plastics)
5306 Automotive technologies
5307 Diesel technologies
5308 Welding technologies
5309 Civil technologies (surveying, photogrammetry, etc.)
5310 Electronics and machine technologies (television, appliance, office machine repair, etc.)
5311 Electromechanical technologies
5312 Industrial technologies
5313 Textile technologies
5314 Instrumentation technologies
5315 Mechanical technologies
5316 Nuclear technologies
5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)
5399 Other, specify

5400 NATURAL SCIENCE TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for natural science related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5401 Natural science technologies, general
5402 Agriculture technologies (include horticulture)
5403 Forestry and wildlife technologies (include fisheries)
5404 Food services technologies
5405 Home economics technologies
5406 Marine and oceanographic technologies
5407 Laboratory technologies, general
5408 Sanitation and public health inspection technologies (environmental health technologies)
5499 Other, specify

5500 PUBLIC SERVICE RELATED TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs etc. specifically associated with development of skills required for public service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

5501 Public service technologies, general
5502 Bible study or religion-related occupations
5503 Education technologies (teacher aide and 2-year teacher training programs)
5504 Library assistant technologies
5505 Police, law enforcement, corrections technologies
5506 Recreation and social work related technologies
5507 Fire control technology
5508 Public administration and management technologies
5599 Other, specify

AN INDEX OF DISCIPLINE SPECIALTIES

Section I:
CONVENTIONAL ACADEMIC SUBDIVISIONS
OF KNOWLEDGE AND TRAINING

Section II:
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS
LEADING TO ASSOCIATE DEGREES
AND OTHER AWARDS BELOW THE BACCALAUREATE

In view of the length and comprehensive nature of the Taxonomy of Instructional Programs, it may sometimes be difficult to locate the appropriate reporting title for a specific instructional program. To assist with the look-up task, a summary list of the broad discipline divisions is shown below, and an alphabetic listing of all of the specialties is presented on the following pages.

SECTION I DISCIPLINE DIVISIONS

(Conventional academic subdivisions of knowledge and training)

Code

0100 AGRICULTURE and NATURAL RESOURCES
0200 ARCHITECTURE and ENVIRONMENTAL DESIGN
0300 AREA STUDIES
0400 BIOLOGICAL SCIENCES
0500 BUSINESS and MANAGEMENT
0600 COMMUNICATIONS
0700 COMPUTER and INFORMATION SCIENCES
0800 EDUCATION
0900 ENGINEERING
1000 FINE and APPLIED ARTS
1100 FOREIGN LANGUAGES
1200 HEALTH PROFESSIONS
1300 HOME ECONOMICS
1400 LAW
1500 LETTERS
1600 LIBRARY SCIENCE
1700 MATHEMATICS
1800 MILITARY SCIENCES
1900 PHYSICAL SCIENCES
2000 PSYCHOLOGY
2100 PUBLIC AFFAIRS and SERVICES
2200 SOCIAL SCIENCES
2300 THEOLOGY
4900 INTERDISCIPLINARY STUDIES

SECTION II DISCIPLINE DIVISIONS

(Technological and occupational specialties related to curriculums leading to associate degrees and other awards below the baccalaureate)

Code

5000 BUSINESS and COMMERCE TECHNOLOGIES
5100 DATA PROCESSING TECHNOLOGIES
5200 HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES
5300 MECHANICAL and ENGINEERING TECHNOLOGIES
5400 NATURAL SCIENCE TECHNOLOGIES
5500 PUBLIC SERVICE RELATED TECHNOLOGIES

Section I:

CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

Title	*Code*
Accounting	0502
Administration, business	0506
Administration, educational	0827
Administration, public	2102
Administration, special education	0809
Adult education	0807
Advertising	0604
Aeronautical engineering	0902
Aerospace engineering	0902
Aerospace science	1803
African languages (non-Semitic)	1116
African studies	0305
Afro-American studies	2211
Agricultural business	0112
Agricultural economics	0111
Agricultural engineering	0903
Agricultural management	0110
Agriculture, general	0101
Agriculture technologies	0116
Agronomy	0102
American Indian cultural studies	2212
American studies	0313
Analytical chemistry	1909
Anatomy	0412
Animal science	0104
Anthropology	2202
Applied design	1009
Applied mathematics	1703
Arabic	1112
Archeology	2203
Architectural engineering	0904
Architecture	0202
Architecture, naval	0923
Art	1002
Art appreciation	1003
Art, commercial	1009
Art education	0831
Art history	1003
Asian studies, general	0301
Astronautical engineering	0902
Astronomy	1911
Astrophysics	1912
Atmospheric sciences	1913
Audiology	1220
Bacteriology	0403
Banking	0504
Biblical languages	2303
Biochemistry	0414
Bioengineering	0905
Biological and physical sciences (interdisciplinary)	4902
Biology, cellular	0417
Biology, general	0401
Biology, marine	0418
Biology, molecular	0416
Biomedical communication	1217
Biomedical engineering	0905
Biometrics	0419
Biophysics	0415
Biostatistics	0419
Black culture studies	2211
Botany, general	0402
Business administration	0506
Business, agricultural	0112
Business economics	0517
Business education	0838
Business, general	0501
Business, international	0513
Business management	0506
Business statistics	0503
Cafeteria management	1307
Catalan	1199
Cell biology	0417
Cell physiology	0417
Ceramic engineering	0916
Ceramics	1009
Chemical engineering	0906
Chemistry, general	1905
Child development	1305
Chinese	1107
Chiropractic	1221
Cinematography	1010

Title	*Code*
City planning	0206
Civil engineering	0908
Classics	1504
Clinical psychology	2003
Clinical social work	1222
Clothing	1303
Commerce education	0838
Commerce, general	0501
Commercial art	1009
Communication media	0605
Communications, general	0601
Communications engineering	0909
Community college education	0806
Community planning	0206
Community services, general	2101
Comparative literature	1503
Computer programming	0704
Computer sciences, general	0701
Construction engineering	0908
Consumer economics	1304
Continuing education	0807
Corrections	2105
Counseling, educational	0826
Counseling, psychology for	2004
Creative writing	1507
Criminology	2209
Crop management	0102
Curriculum	0829
Cytology	0417
Dairy sciences	0105
Dance	1008
Danish	1114
Data processing	0703
Debate	1506
Demography	2215
Dental hygiene	1213
Dental specialties	1205
Dental technologies	1224
Dentistry, D.D.S. or D.M.D. degree	1204
Developmental psychology	2009
Dietetics	1306
Distributive education	0838
Dramatic arts	1007
Drawing	1002
Driver education	0836
Earth sciences, general	1917
East Asian studies	0302
Eastern European studies	0311
Ecology	0420
Economics	2204
Economics, agricultural	0111
Economics, business	0517
Education of the culturally disadvantaged	0813
Education of the deaf	0812
Education of the emotionally disturbed	0816
Education, general	0801
Education of the gifted	0811
Education of mentally retarded	0810
Education of the multiple handicapped	0820
Education of the physically handicapped	0819
Education, religious	2304
Education of the visually handicapped	0814
Educational administration	0827
Educational evaluation	0825
Educational measurement	0825
Educational psychology	0822
Educational research	0824
Educational statistics	0824
Educational supervision	0828
Educational testing	0825
Electrical engineering	0909
Electronics engineering	0909
Elementary education, general	0802
Embryology	0427
Engineering, general	0901
Engineering mechanics	0921
Engineering and other disciplines (interdisciplinary)	4904
Engineering physics	0919
Engineering technologies	0925
English as a foreign language	1508
English, general	1501
English, literature	1502
Entomology	0421
Environmental design, general	0201
Environmental engineering	0922
European studies, general	0310
Experimental psychology (animal and human)	2002
Family life education	0837
Family relations	1305
Farm management	0110
Fashion design	1009
Field crops	0102
Finance	0504
Fine arts, general	1001
Finnish	1199
Fish management	0107
Floriculture	0109
Foods and nutrition	1306
Food science	0113
Food technology	0113
Foreign languages, general	1101
Forensic science	1506
Forestry	0114
Forestry technologies	0116
French	1102
Fruit production	0108
Game management	0107
General liberal arts and sciences (interdisciplinary)	4901
Genetics	0422
Geochemistry	1915
Geography	2206
Geological engineering	0911
Geology	1914
Geophysical engineering	0912
Geophysics	1916
German	1103
Government	2207
Greek, classical	1110
Guidance, education	0826
Health care administration	1202
Health education	0837
Health professions, general	1201
Hebrew	1111
Helping services	2104
Higher education, general	0805
Histology	0413
History	2205
History of education	0821
Home decoration	1302
Home economics, general	1301
Home equipment	1302
Home management	1304
Horticulture	0108
Hospital administration	1202
Hotel management	0508
Humanities and social sciences (interdisciplinary)	4903
Husbandry, animal	0104
Husbandry, dairy	0105
Ichthyology	0499
India studies	0303
Indian (Asiatic)	1113
Industrial arts education	0839
Industrial engineering	0913
Industrial psychology	2008
Industrial relations	0516
Information sciences	0702
Information sciences, general	0701
Information systems	0702
Inorganic chemistry	1906
Institutional management	1307
Instruction	0829
Insurance	0512
Interior decoration	1009
Interior design	0203
International business	0513
International public service	2106
International relations	2210
Investments	0505
Islamic studies	0306
Italian	1104
Japanese	1108
Jewelry	1009
Journalism	0602
Junior college education	0806
Junior high school education	0804
Kindergarten education	0823
Korean	1199
Labor relations	0516
Landscape architecture	0204
Latin	1109
Latin American studies	0308
Law enforcement	2105
Law, general	1401
Learning theory	0822
Liberal arts and sciences (interdisciplinary)	4901
Library science, general	1601
Limnology	0499
Linguistics	1505
Literature, comparative	1503
Literature, English	1502
Management, business	0506
Management, engineering	0913

Title	*Code*
Marine biology	0418
Marine engineering	0923
Marketing	0509
Materials engineering	0915
Mathematics, applied	1703
Mathematics, education	0833
Mathematics, general	1701
Mathematics, statistics	1702
Mechanical engineering	0910
Medical laboratory technologies	1223
Medical record librarianship	1215
Medical specialties	1207
Medicine, M.D. degree	1206
Metallurgical engineering	0914
Metallurgy	1920
Metalsmithing	1009
Meteorology	1913
Mexican-American cultural studies	2213
Microbiology	0411
Middle Eastern studies	0309
Military science	1801
Mineral engineering	0918
Mining engineering	0918
Molecular biology	0416
Molecular physics	1903
Music (liberal arts program)	1005
Music appreciation	1006
Music, composition	1004
Music education	0832
Music history	1006
Music, performing	1004
Music, theory	1004
Musicology	1006
Natural resources management	0115
Naval architecture	0923
Naval science	1802
Neurosciences	0425
Norwegian	1114
Nuclear engineering	0920
Nuclear physics	1904
Nursery science	0109
Nursing (baccalaureate and higher programs)	1203
Nutrition, scientific	0424
Occupational therapy	1208
Ocean engineering	0924
Oceanography	1919
Operations research	0507
Optometry	1209
Organic chemistry	1907
Ornamental horticulture	0109
Ornithology	0499
Osteopathic medicine, D.O. degree	1210
Pacific area studies	0314
Painting	1002
Paleontology	1918
Parasitology	0499
Park management	2103
Pathology, animal	0408
Pathology, human	0408
Pathology, plant	0404
Personnel management	0515
Petroleum engineering	0907
Petroleum refining	0906
Pharmaceutical chemistry	1910
Pharmacology, animal	0409
Pharmacology, human	0409
Pharmacology, plant	0405
Pharmacy	1211
Philology	1505
Philosophy	1509
Philosophy of education	0821
Phonetics	1505
Photography	1011
Physical chemistry	1908
Physical education	0835
Physical sciences, general	1901
Physical therapy	1212
Physics, general	1902
Physiological psychology	2010
Physiology, animal	0410
Physiology, human	0410
Physiology, plant	0406
Plant pathology	0404
Plant pharmacology	0405
Plant physiology	0406
Podiatry	1216
Political science	2207
Poultry science	0106
Pre-elementary education	0823
Programming, computer	0704
Psychology, clinical	2003
Psychology for counseling	2004
Psychology, developmental	2009
Psychology, education	0822
Psychology, general	2001
Psychology, industrial	2008
Psychology, physiological	2010
Psychology, social	2005
Psychometrics	2006
Public address	1506
Public administration	2102
Public health	1214
Public utilities	0510
Purchasing	0509
Radio	0603
Radiobiology	0423
Radiologic technologies	1225
Range management	0117
Reading education	0830
Real estate	0511
Recreation management	2103
Regional planning	0206
Rehabilitation services	1222
Religious education	2304
Religious music	2302
Religious studies	1510
Remedial education	0817
Restaurant management	0508
Rhetoric	1506
Russian	1106
Russian studies	0307
Safety education	0836
Sanitary engineering	0922
Sanskrit	1199
Scandinavian languages	1114
Science education	0834
Sculpture	1002
Secondary education, general	0803
Secretarial studies	0514
Securities	0505
Seismology	1916
Semantics	1505
Slavic languages (other than Russian)	1115
Slavic studies	0307
Social foundations of education	0821
Social sciences, general	2201
Social psychology	2005
Social work	2104
Sociology	2208
Soil conservation	0103
Soil management	0103
Soil science	0103
South Asian studies	0303
Southeast Asian studies	0304
Spanish	1105
Special education, general	0808
Special learning disabilities	0818
Speech	1506
Speech correction	0815
Speech pathology	1220
Statistics, mathematical and theoretical	1702
Statistics in psychology	2007
Student personnel	0826
Swedish	1114
Systems analysis	0705
Systems, information	0702
Teaching of English as a foreign language	1508
Technical education	0839
Television	0603
Textile design	1009
Textile engineering	0917
Textiles, home economics	1303
Theological professions, general	2301
Toxicology	0426
Transportation	0510
Transportation engineering	0908
Urban architecture	0205
Urban studies	2214
Vegetable production	0108
Veterinary medicine, D.V.M. degree	1218
Veterinary medicine specialties	1219
Vietnamese	1199
Vocational education	0839
Weaving	1009
West European studies	0312
Wildlife management	0107
Writing, creative	1507
Zoology, general	0407

Section II:

TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE

Title	*Code*
Accounting technologies	5002
Advertising design technologies	5012
Advertising technologies	5004
Aeronautical technologies	5302
Agriculture technologies	5402
Air conditioning technologies	5317
Airport management technologies	5004
Animal laboratory assistant technologies	5206
Appliance repair technologies	5310
Applied arts technologies	5012
Architectural drafting technologies	5304
Automotive technologies	5306
Aviation technologies	5302
Banking technologies	5003
Bible study	5502
Biological laboratory assistant technologies	5205
Broadcasting technologies	5008
Building technologies	5317
Business management technologies	5004
Business technologies, general	5001
Carpentry technologies	5317
Chemical technologies	5305
Civil technologies	5309
Commerce technologies, general	5001
Communications technologies	5008
Computer operator technologies	5104
Computer, peripheral equipment operation technologies	5104
Computer programmer technologies	5103
Construction technologies	5317
Corrections technologies	5505
Cosmetologist	5006
Data processing equipment maintenance technologies	5105
Data processing technologies, general	5101
Dental assistant technologies	5202
Dental hygiene technologies	5203
Dental laboratory technologies	5204
Diesel technologies	5307
Distribution technologies	5004
Drafting, architectural	5304
Education technologies	5503
Electrician technologies	5317
Electro diagnostic technologies	5217
Electromechanical technologies	5311
Electronics and machine technologies	5310
Engineering graphics	5303
Engineering technologies, general	5301
Environmental health technologies	5408
Finance technologies	5003
Fine arts technologicies	5012
Fire control technology	5507
Fisheries technologies	5403
Food services technologies	5404
Forestry technologies	5403
Graphic arts technologies	5012
Health services assistant technologies, general	5201
Heating technologies	5317
Home economics technologies	5405
Horticulture technologies	5402
Hospital food service technologies	5404
Hotel management technologies	5010
Industrial management technologies	5004
Industrial technologies	5312
Inhalation therapy technologies	5215
Input preparation technologies	5102
Institutional management technologies	5218
Instrumentation technologies	5314
Insurance technologies	5004
Key punch operator technologies	5102
Laboratory technologies, general	5407
Landscape technologies	5402
Law enforcement technologies	5505
Library assistant technologies	5504
Lithography technologies	5009
Machine drafting and design technologies	5303
Machine repair technologies	5310
Marina management technologies	5004
Marine technologies	5406
Marketing technologies	5004
Mechanical technologies	5315
Mechanical technologies, general	5301
Medical assistant technologies	5214
Medical laboratory assistant technologies	5205
Medical office assistant technologies	5214
Medical record technologies	5213
Mental health aide programs	5216
Natural science technologies, general	5401
Newspaper communication technologies	5008
Nuclear technologies	5316
Nursing, practical (L.P.N. or L.V.N.)	5209
Nursing R.N. preparation	5208
Occupational therapy technologies	5210
Oceanographic technologies	5406
Ocular care, technologies	5212
Office machine repair technologies	5310
Office machine training	5005
Ophthalmic, technologies	5212
Optical technologies	5212
Optometric technologies	5212
Personal service technologies	5006
Personnel management technologies	5004
Photogrammetry technologies	5309
Photography technologies	5007
Physical therapy technology	5219
Plastics technologies	5305
Plumbing technologies	5317
Police technologies	5505
Printing technologies	5009
Programmer technologies	5103
Psychiatric technologies	5216
Public administration and management technologies	5508
Public health inspection technologies	5408
Public service technologies, general	5501
Public utility technologies	5011
Purchasing technologies	5004
Radio broadcasting technologies	5008
Radio repair technologies	5310
Radiologic technologies	5207
Real estate technologies	5004
Recreation technologies	5506
Religion related occupations	5502
Rest home management technology	5218
Restaurant management technologies	5010
Sales technologies	5004
Sanitation technologies	5408
Secretarial technologies	5005
Sheet metal technologies	5317
Social work related technologies	5506
Stewardess preparation	5006
Surgical technologies	5211
Surveying technologies	5309
Teacher aide preparation	5503
Television broadcasting technologies	5008
Television repair technologies	5310
Textile technologies	5313
Tool design technologies	5303
Transportation technologies	5011
Welding technologies	5308
Wildlife technologies	5403
X-ray technologies	5207

APPENDIX
TRANSLATION TABLES

1. HEGIS DEGREES AND OTHER FORMAL AWARDS CONFERRED BETWEEN JULY 1, 1968, AND JUNE 30, 1969

2. HIGHER EDUCATION FACILITIES CLASSIFICATION

3. VOCATIONAL EDUCATION AND OCCUPATIONS CLASSIFICATION SYSTEMS

4. INTERAGENCY CLASSIFICATION OF FIELDS OF SCIENCE AND ENGINEERING

1. TRANSLATION TABLE FOR HEGIS DEGREES AND OTHER FORMAL AWARDS CONFERRED BETWEEN JULY 1, 1968, AND JUNE 30, 1969

HEGIS 1968–69		NEW HEGIS TAXONOMY	
Discipline specialty	*Code*	*Code*	*Discipline specialty*
FIRST-PROFESSIONAL DEGREES			
Chiropody or podiatry (D.S.C. or Pod. D.)	4401	1216	Podiatry, Pod.D., D.P., or D.P.M.
Dentistry (D.D.S. or D.M.D.)	4407	1204	Dentistry, D.D.S., or D.M.D.
Medicine (M.D.)	4416	1206	Medicine, M.D.
Optometry (O.D.)	4425	1209	Optometry
Osteopathy (D.O.)	4428	1210	Osteopathic medicine, D.O.
Veterinary medicine (D.V.M.)	4443	1218	Veterinary Medicine, D.V.M.
Law (LL.B. or J.D.)	5000	1401	Law, general
Theology (B.D., Rabbi, etc.)	7404	2301	Theological professions
BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES			
Agriculture			
Agriculture, general	1001	0101	Agriculture, general
Agriculture, business	1003	0112	Agricultural business
Agronomy, field crops	1002	0102	Agronomy, field crops, and crop management
Animal science	1004	0104	Animal science (husbandry)
Dairy science	1007	0105	Dairy science (husbandry)
Farm management	1013	0110	Agricultural and farm management
Fish, game, or wildlife management	1014	0107	Fish, game, and wildlife management
Food science	1016	0113	Food science and technology
Horticulture	1019	0108	Horticulture
International agriculture	1020	0199	Other, specify
Ornamental horticulture	1022	0109	Ornamental horticulture
Poultry science	1025	0106	Poultry science
Soil science	1028	0103	Soils science
Other agriculture	*1037	0199	Other, specify
Architecture	*1400	0201	Environmental design, general
		0202	Architecture
		0203	Interior design
		0204	Landscape architecture
		0205	Urban architecture
		0299	Other, specify
City Planning	1500	0206	City, community, and regional planning
Biological Sciences			
Premedical, predental, and preveterinary sciences	*1701		
Biology, general	1704	0401	Biology, general
Botany, general	1707	0402	Botany, general
Zoology, general	1710	0407	Zoology, general
Anatomy, histology	*1713	0412	Anatomy
		0413	Histology
Bacteriology, virology, mycology, parasitology, microbiology	*1716	0403	Bacteriology
		0411	Microbiology
		0499	Other, specify
Biochemistry	1721	0414	Biochemistry
Biophysics	1724	0415	Biophysics
Cytology	1727	0417	Cell biology
Ecology	1729	0420	Ecology
Embryology	1730	0427	Embryology
Entomology	1733	0421	Entomology
Genetics	1736	0422	Genetics
Molecular biology	1738	0416	Molecular biology
Nutrition	1737	0424	Nutrition, scientific
Optometry (preprofessional)	1739	1209	Optometry
Pathology	1742	0408	Pathology, human and animal
Pharmacology	*1745	0405	Plant pharmacology
		0409	Pharmacology, human and animal

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69 *Discipline specialty*	*Code*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*
Physiology	1748	0410	Physiology, human and animal
Plant pathology	1751	0404	Plant pathology
Plant physiology	1754	0406	Plant physiology
Other biological sciences	*1757	0499	Other, specify
Business and Commerce			
Business and commerce, general	2001	0501	Business and commerce, general
Accounting	2002	0502	Accounting
Finance, banking	2003	0504	Banking and finance
Hotel or restaurant administration	2004	0508	Hotel and restaurant management
Marketing	2005	0509	Marketing and purchasing
Real estate, insurance	*2006	0511	Real estate
		0512	Insurance
Secretarial studies	2007	0514	Secretarial studies
Transportation	2016	0510	Transportation and public utilities
Other business and commerce	*2056	0599	Other, specify
Computer Science and Systems Analysis			
Data processing	2105	0703	Data processing
Computer science	2110	0701	Computer and information sciences, general
Systems analysis	2120	0705	Systems analysis
Other computer science	*2198	0799	Other, specify
Education			
Physical education	2301	0835	Physical education
Health education	2304	0837	Health education
Recreation	*2307	0835	Physical education
		2103	Parks and recreation management
Education of the mentally retarded	2308	0810	Education of the mentally retarded
Education of the gifted	2309	0811	Education of the gifted
Education of the deaf	2310	0812	Education of the deaf
Speech and hearing impaired	*2311	0815	Speech correction
		0820	Education of the multiple handicapped
Education of the visually handicapped	2312	0814	Education of the visually handicapped
Education of the emotionally disturbed	2313	0816	Education of the emotionally disturbed
Special learning disability	2314	0818	Special learning disabilities
Education of the crippled	2315	0819	Education of the physically handicapped
Education of the multiple handicapped	2316	0820	Education of the multiple handicapped
Administration of special education	2317	0809	Administration of special education
Education of exceptional children (other special education)	*2318	0899	Other, specify
Agricultural education	2319	0899	Other, specify
Art education	2322	0831	Art education
Business education, commerce education	2325	0838	Business, commerce, and distributive education
Distributive education, retail selling	2328	0838	Business, commerce, and distributive education
Home economics education	2331	0899	Other, specify
Industrial arts education	2333	0839	Industrial arts, vocational, and technical education
Music education	2336	0832	Music education
Trade or industrial education, vocational	2339	0839	Industrial arts, vocational, and technical education
Nursery, kindergarten education	2350	0823	Pre-elementary education (kindergarten)
Early childhood education	2353	0802	Elementary education
Elementary education	2356	0802	Elementary education
Secondary education, including junior high school	*2359	0803	Secondary education, general
		0804	Junior high school education
Combined elementary and secondary education	2362	0801	Education, general
Adult education	2365	0807	Adult and continuing education
Educational administration, supervision, finance	*2371	0827	Educational administration
		0828	Educational supervision
Education specialist	*2370		
Counseling and guidance	2372	0826	Student personnel (counseling and guidance)
Rehabilitation counselor training	*2373	0826	Student personnel (counseling and guidance)

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69		NEW HEGIS TAXONOMY	
Discipline specialty	*Code*	*Code*	*Discipline specialty*
History, philosophy or theory of education; comparative education	2374	0821	Social foundations (history and philosophy of education)
Curriculum, instruction	2375	0829	Curriculum and instruction
Education, general	2376	0801	Education, general
Educational psychology	2377	0822	Educational psychology
Physical education, nonteaching	2378	0835	Physical education
Preprofessional bachelor's degree in education	2380	0801	Education, general
Other education fields	*2342 *2368 *2382	0899	Other, specify
Engineering			
Aerospace, aeronautical, astronautical engineering	2602	0902	Aerospace, aeronautical, and astronautical engineering
Agricultural engineering	2607	0903	Agricultural engineering
Architectural engineering	2608	0904	Architectural engineering
Biomedical engineering	2610	0905	Bioengineering and biomedical engineering
Ceramic engineering	2612	0916	Ceramic engineering
Chemical engineering, petroleum refining engineering	2614	0906	Chemical engineering (include petroleum refining)
Civil, construction, transportation engineering	2621	0908	Civil, construction, and transportation engineering
Electrical engineering	2632	0909	Electrical, electronics, and communications engineering
Engineering sciences, mechanics, physics; science engineering	*2645	0919	Engineering physics
		0921	Engineering mechanics
Environmental health, sanitary engineering	2646	0922	Environmental and sanitary engineering
General engineering	2647	0901	Engineering, general
Geological, geophysical engineering; mining geology	*2649	0911	Geological engineering
		0912	Geophysical engineering
Industrial and management engineering	2653	0913	Industrial and management engineering
Mechanical engineering	2660	0910	Mechanical engineering
Metallurgical and materials engineering; materials science	*2670	0914	Metallurgical engineering
		0915	Materials engineering
Mining and mineral engineering	2672	0918	Mining and mineral engineering
Naval architecture and marine engineering	2674	0923	Naval architecture and marine engineering
Nuclear engineering	2676	0920	Nuclear engineering
Petroleum engineering	2678	0907	Petroleum engineering
Other engineering	*2697	0999	Other, specify
English and Journalism			
English, literature, creative writing, language arts, comparative literature	*2901	1501	English, general
		1502	Literature, English
		1507	Creative writing
		1504	Classics
		1503	Comparative literature
Journalism	2904	0602	Journalism
Fine and Applied Arts			
Art, general	3201	1002	Art (painting, drawing, sculpture)
Music, sacred music	3204	1004	Music (performing, composition, theory)
		1005	Music (liberal arts program)
		1006	Music history and appreciation (musicology)
		2302	Religious music
Speech and dramatic arts	*3207	1506	Speech, debate, and forensic science
		1007	Dramatic arts
Other fine and applied arts	*3213	1099	Other, specify

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69 *Discipline specialty*	*Code*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*
Folklore	3300	1599	Other, specify
Foreign Languages and Literature			
Linguistics (phonetics and semantics)	3501	1505	Linguistics (include phonetics, semantics, and philology)
Latin, classical Greek	*3511	1109	Latin
		1110	Greek, classical
Modern languages (three or more)	3513	1101	Foreign languages, general
French	3520	1102	French
Italian	3522	1104	Italian
Portuguese	3524	1199	Other, specify
Spanish	3526	1105	Spanish
Philology and literature of Romance languages	3528	1101	Foreign languages, general
German	3540	1103	German
Other Germanic languages	*3546	1114	Scandinavian languages
		1199	Other, specify
Arabic	3560	1112	Arabic
Chinese	3564	1107	Chinese
Hebrew	3568	1111	Hebrew
Hindi, Urdu	3572	1113	Indian (Asiatic)
Japanese	3576	1108	Japanese
Russian	3580	1106	Russian
Other Slavic languages	3586	1115	Slavic languages (other than Russian)
Other foreign languages	3590	1199	Other, specify
Forestry	3800	0114	Forestry
Geography	4100	2206	Geography
Health Professions			
Chiropody or podiatry	4401	1216	Podiatry
Dental hygiene	4404	1213	Dental hygiene
Hospital administration	4410	1202	Hospital and health care administration
Medical technology	4413	1223	Medical laboratory technologies
Nursing; public health nursing	4419	1203	Nursing
Occupational therapy	4422	1208	Occupational therapy
Optometry	4425	1209	Optometry
Osteopathy	4428	1210	Osteopathic medicine
Pharmacy	4431	1211	Pharmacy
Physical therapy	4434	1212	Physical therapy
Public health	4437	1214	Public health
Radiologic technology	4440	1225	Radiologic technologies
Clinical dental sciences (degrees beyond D.D.S. or D.M.D.)	4446	1205	Dental specialties (work beyond D.D.S.)
Clinical medical sciences (work or degrees beyond M.D.)	4449	1207	Medical specialties (work beyond M.D.)
Clinical veterinary medical sciences	4452	1219	Veterinary medicine specialties (work beyond D.V.M.)
Other health professions	*4455	1299	Other, specify
Home Economics			
Home economics, general	4701	1301	Home economics, general
Child development, family relations	4704	1305	Family relations and child development
Clothing, textiles	4707	1303	Clothing and textiles
Foods and nutrition	4710	1306	Foods and nutrition
Institution management	4713	1307	Institutional and cafeteria management
Other home economics	*4719	1399	Other, specify
Law	5000	1401	Law, general
Library Science	5300	1601	Library science, general

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69		NEW HEGIS TAXONOMY	
Discipline specialty	*Code*	*Code*	*Discipline specialty*
Mathematical Sciences			
Mathematics	*5601	1701	Mathematics, general
		1703	Applied mathematics
Statistics	5607	1702	Statistics, mathematical and theoretical
Military Science			
Merchant Marine (deck officer)	5910	1899	Other, specify
Military, Naval, or Air Force	*5920	1801	Military science (Army)
		1802	Naval science (Navy, Marines)
		1803	Aerospace science (Air Force)
Philosophy			
Philosophy	6501	1509	Philosophy
Scholastic philosophy	6504	1509	Philosophy
Physical Sciences			
Physical sciences, general	6801	1901	Physical sciences, general
Astronomy	6804	1911	Astronomy
Chemistry	*6807	1905	Chemistry, general (exclude biochemistry)
		1906	Inorganic chemistry
		1907	Organic chemistry
		1908	Physical chemistry
		1909	Analytical chemistry
Metallurgy	6810	1920	Metallurgy
Meteorology	6813	1913	Atmospheric sciences and meteorology
Pharmaceutical chemistry	6815	1910	Pharmaceutical chemistry
Physics	*6816	1902	Physics, general (exclude biophysics)
		1903	Molecular physics
		1904	Nuclear physics
Earth sciences, general	6818	1917	Earth sciences, general
Geology	6819	1914	Geology
Geophysics and seismology	6822	1916	Geophysics and seismology
Oceanography	6825	1919	Oceanography
Other earth sciences	*6828	1999	Other, specify
Other physical sciences	*6831	1999	Other, specify
Psychology			
General psychology	7101	2001	Psychology, general
Clinical psychology	7102	2003	Clinical psychology
Counseling and guidance (psychology majors)	7103	2004	Psychology for counseling
Social psychology	7104	2005	Social psychology
Rehabilitation counselor training	7105	2004	Psychology for counseling
Educational psychology	7106	0822	Educational psychology
Other psychology	*7110	2099	Other, specify
Records Management	7300	1215	Medical record librarianship
Religion			
Religious education, Bible	7401	2304	Religious education
Theology	7407	2301	Theological professions, general
Religion, liberal arts curriculum, nonsectarian	7410	1510	Religious studies (exclude theological professions)
Other religion	7413	2399	Other, specify
Social Sciences			
Social sciences, general	7701	2201	Social sciences, general
American studies	7704	0313	American studies
Anthropology	7707	2202	Anthropology
Area studies, regional studies	*7710	0301	Asian studies, general
		0302	East Asian studies
		0303	South Asian (India, etc.) studies
		0304	Southeast Asian studies
		0305	African studies
		0306	Islamic studies

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69 *Discipline specialty*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*
			0307 Russian and Slavic studies
			0308 Latin American studies
			0309 Middle Eastern studies
			0310 European studies, general
			0311 Eastern European studies
			0312 West European studies
			0314 Pacific area studies
			0399 Other, specify
Economics	7713		2204 Economics
History	7716		2205 History
International relations	7719		2210 International relations
Political science, government	7722		2207 Political science and government
Sociology	7725		2208 Sociology
Other basic social sciences	*7728		2299 Other, specify
Agricultural economics	7731		0111 Agricultural economics
Foreign service programs	*7734		2207 Political science and government
			2210 International relations
			2299 Other, specify
Industrial relations	7737		0516 Labor and industrial relations
Public administration	7740		2102 Public administration
Social work	7743		2104 Social work and helping services
Other applied social sciences	*7746		2299 Other, specify
Trade or Industrial Training	8000		0925 Engineering technologies
Broad General Curriculums and Miscellaneous Fields			
Arts, general program	8301		4903 Humanities and social sciences
Sciences, general program	8304		4902 Biological and physical sciences
Arts and sciences, general program	8307		4901 General liberal arts and sciences
Teaching of English as a foreign language	8310		1508 Teaching of English as a foreign language
Other interarea studies	*8313		4999 Other, specify
DEGREES AND COMPLETIONS BASED ON LESS THAN 4 YEARS OF WORK BEYOND HIGH SCHOOL			
Engineering—Related Curriculums			
Aeronautical technology	2606		5302 Aeronautical and aviation technologies
Architectural or building technology	*2610		5304 Architectural drafting technologies
			5317 Construction and building technologies
Chemical technology	2619		5305 Chemical technologies (include plastics)
Civil technology	2630		5309 Civil technologies
Electrical or electronics technology	*2636		5310 Electronics and machine technologies (appliance repair)
			5311 Electromechanical technologies
			5317 Construction and building technologies
Industrial technology	2658		5312 Industrial technologies
Instrumentation technology	2662		5314 Instrumentation technologies
Mechanical technology	2668		5315 Mechanical technologies
Metallurgical technologies	*2675		5399 Other, specify
Nuclear technologies	2677		5316 Nuclear technologies
Other engineering-related curriculums	*2698		5399 Other, specify
Science—Related Curriculums			
Agriculture	1034		5402 Agricultural technologies
Forestry	3900		5403 Forestry and wildlife technologies
Other science-related curriculums	*4920		5499 Other, specify
Health Service Curriculums			
Dental assistant	4402		5202 Dental assistant technologies
Dental hygiene	4403		5203 Dental hygiene technologies

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968–69		NEW HEGIS TAXONOMY	
Discipline specialty	*Code*	*Code*	*Discipline specialty*
Dental laboratory assistant	4405	5204	Dental laboratory technologies
Electroencephalograph technician	4408	5217	Electro diagnostic technologies
Inhalation therapy technician	4411	5215	Inhalation therapy technologies
Medical or biological laboratory technician	4414	5205	Medical or biological laboratory assistant technologies
Medical X-ray technician	4439	5207	Radiologic technologies
Nursing, practical	4417	5209	Nursing, practical (L.V.N. or L.P.N.)
Nursing, associate degree or diploma program	4418	5208	Nursing, R.N. preparation
Occupational therapy assistant	4424	5210	Occupational therapy technologies
Optician	4430	5212	Optical technologies
Surgical technician	4450	5211	Surgical technologies
Other health service curriculums	*4498	5299	Other, specify
Business and Commerce—Related Curriculums			
General business, business administration	2054	5001	Business and commerce technologies, general
Accounting	2060	5002	Accounting technologies
Business data processing	*2065	5101	Data processing technologies, general
		5199	Other, specify
Marketing, distributive education, retail selling	2070	5004	Marketing, distribution, purchasing, business, and industrial management technologies
Secretarial studies	2080	5005	Secretarial technologies
Other business and commerce-related curriculums	*2095	5099	Other, specify
Other			
Scientific data processing	*2190	5101	Data processing technologies, general
		5102	Key punch operator and other input preparation technologies
		5103	Computer programmer technologies
		5104	Computer operator and peripheral equipment operation technologies
		5105	Data processing equipment maintenance technologies
		5199	Other, specify
Bible study, religious work	7490	5502	Bible study or religion-related occupations
Education (2-year training)	2360	5503	Education technologies
Fine, applied, or graphic arts	3294	5012	Applied arts, graphic arts, and fine arts technologies
Home economics	4780	5405	Home economics technologies
Library assistant or technical aide	5310	5504	Library assistant technologies
Police technology, law enforcement	7742	5505	Police, law enforcement, corrections technologies
Other nonscience- and non-engineering-related	*8350		

2. TRANSLATION TABLE FOR HIGHER EDUCATION FACILITIES CLASSIFICATION

FACILITIES CLASSIFICATION		NEW HEGIS TAXONOMY	
Department of instruction or research	*Code*	*Code*	*Discipline division or subdivision*
Life Sciences			
Biological sciences	1210	0400	Biological sciences
Agricultural sciences	1220	0100	Agriculture and natural resources
Health sciences	1230	1200	Health professions
Medicine	1231	1206	Medicine, M.D.
Veterinary medicine	1232	1218	Veterinary medicine, D.V.M.
Dentistry	1233	1204	Dentistry, D.D.S. or D.M.D.
Nursing	1234	1203	Nursing
Pharmacy	1235	1211	Pharmacy
Public health	1236	1214	Public health

* Accurate translation will require examination of the program to determine primary emphasis.

FACILITIES CLASSIFICATION *Department of instruction or research*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*
Other	1238	Health professions, other	1299
General	1239	Health professions, general	1201
General life sciences	*1299		
MCPE Sciences			
Mathematical sciences	1310	Mathematics	1700
Computer sciences	1320	Computer and information sciences	0700
Physical sciences	1330	Physical sciences	1900
Engineering sciences	1340	Engineering	0900
General MCPE sciences	*1399		
Behavioral Sciences			
Psychology	1410	Psychology	2000
Social sciences	*1420	Social sciences	2200
		Area studies	0300
General behavioral sciences	*1499		
Humanities			
Fine arts	1510	Fine and applied arts	1000
Letters	1520	Letters	1500
General humanities	*1599		
Professions			
Administrative professions	*1610	Business management and administration	0506
		Educational administration	0827
		Public administration	2102
Education	1620	Education	0800
Environmental design	1630	Architecture and environment design	0200
Home economics	1640	Home economics	1300
Law	1650	Law	1400
Social work	1660	Social work and helping services	2104
Theology	1670	Theology	2300
Other professions	*1690		
General professions	*1699		
Technical—Vocational			
Agricultural	1705	Agricultural technologies	5402
Apparel	1710	Home economics technologies	5405
Business	1715	Business and commerce technologies	5000
Construction	1720	Construction and building technologies	5317
Engineering and industrial	*1725	Mechanical and engineering technologies, general	5301
		Industrial technologies	5312
Graphic arts	*1730	Applied arts, graphic arts, and fine arts, technologies	5012
		Photography technologies	5007
		Printing and lithography technologies	5009
Health	1735	Health services and paramedical technologies	5200
Public service	1750	Public service related technologies	5500
Transportation	*1760	Transportation and public utility technologies	5011
		Aeronautical and aviation technologies	5302
		Automotive technologies	5306
		Diesel technologies	5307
Other	*1790		
General	*1799		
Physical Education and Military Science			
Physical education	1810	Physical education	0835
Military sciences	1820	Military sciences	1800

* Accurate translation will require examination of the program to determine primary emphasis.

3. TRANSLATION TABLE FOR VOCATIONAL EDUCATION AND OCCUPATIONS CLASSIFICATION SYSTEMS

VOCATIONAL/OCCUPATIONAL CLASSIFICATIONS *Technical education title (16.000000)*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*
Engineering-related technology	16.01	Mechanical and engineering technologies	5300
Aeronautical technology	0101	Aeronautical and aviation technologies	5302
Agricultural technology	0102	Mechanical and engineering technologies, general	5301
Agricultural electrification technology	010201	Construction and building technologies	5317
Agricultural machinery and equipment technology	010202	Mechanical and engineering technologies, general	5301
Agricultural structures and conveniences	010203	Construction and building technologies	5317
Agricultural technology, other	010299	Mechanical and engineering technologies, general	5301
Architectural technology (building construction)	0103	Construction and building technologies	5317
Automotive technology	0104	Automotive technologies	5306
Chemical technology	0105	Chemical technologies	5305
Civil technology	0106	Civil technologies	5309
Roadway technology	010601	Civil technologies	5309
Sanitation technology	010602	Civil technologies	5309
Structural technology	010603	Civil technologies	5309
Civil technology, other	010699	Civil technologies	5309
Electrical technology	*0107	Electronics and machine technologies	5310
		Electromechanical technologies	5311
		Construction and building technologies (electrician)	5317
Electronic technology	0108	Electronics and mechanical technologies	5310
Electromechanical technology	0109	Electromechanical technologies	5311
Environmental control technology	0110	Construction and building technologies	5317
Cooling	011001	Construction and building technologies	5317
Heating	011002	Construction and building technologies	5317
Refrigeration	011003	Construction and building technologies	5317
Environmental control technology, other	011099	Construction and building technologies	5317
Industrial technology	0111	Industrial technologies	5312
Instrumentation technology	0112	Instrumentation technologies	5314
Mechanical technology	0113	Mechanical technologies	5315
Energy conversion	011301	Mechanical technologies	5315
Machine and tool design	011302	Engineering graphics (tool and machine drafting and design)	5303
Production	011303	Mechanical technologies	5315
Mechanical technology, other	011399	Mechanical technologies	5315
Metallurgical technology	0114	Industrial technologies	5312
Nuclear technology	0115	Nuclear technologies	5316
Petroleum technology	0116	Industrial technologies	5312
Scientific data processing	*0117	Data processing technologies, general	5101
		Key punch operator and other input preparation technologies	5102
		Computer programmer technologies	5103
		Computer operator technologies	5104
		Data processing equipment maintenance technologies	5105
		Other, specify	5199
Engineering-related technology, other	*0199	Other, specify	5399
Agricultural-related technology	02	Natural science technologies	5400
Animal science	0201	Agriculture technologies	5402
Dairy technology	0202	Agriculture technologies	5402
Food processing technology	0203	Food services technologies	5404
Plant science	0204	Agriculture technologies	5402
Agricultural-related technology, other	*0299	Other, specify	5499
Health-related technology	03	Health services and paramedical technologies	5200
Dental hygiene (associate degree)	0301	Dental hygiene technologies	5203
Electroencephalograph technician	0302	Electro diagnostic technologies	5217

* Accurate translation will require examination of the program to determine primary emphasis.

OCCUPATIONAL CLASSIFICATIONS *Technical education title (16.000000)*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*	
Medical laboratory assistant	0303		5205	Medical or biological laboratory assistant technologies
Radiologic technology (X-ray)	0304		5207	Radiologic technologies (X-ray)
Nursing (associate degree)	0305		5208	Nursing, R.N. preparation
Health-related technology, other	*0399		5299	Other, specify
Office-related technology	*04		5000	Business and commerce technologies
			5100	Data processing technologies
Computer programmer	0401		5103	Computer programmer technologies
Systems analyst technology	0402		5101	Data processing technologies, general
Office-related technology, other	*0499		5199	Other, specify
			5099	Other, specify
Home economics-related technology	05		5400	Natural science technologies
Child care center assistant	0501			
Hospital children's division assistant	0502			
Teacher's assistant at preprimary level	0503		5405	Home economics technologies
Food service supervisor	0504			
Interior decorator assistant	0505			
Home equipment demonstrator	0506			
Home economics-related technology, other	*0599		5499	Other, specify
Miscellaneous technical education	*06		5300	Mechanical and engineering technologies
			5400	Natural science technologies
			5500	Public service related technologies
Commercial pilot training	0601		5302	Aeronautical and aviation technologies
Fire and safety technology	0602		5507	Fire control technology
Forestry technology	0603		5403	Forestry and wildlife technologies
Oceanographic technology	0604		5406	Marine and oceanographic technologies
Police (law enforcement and corrections) science technology	0605		5505	Police, law enforcement, corrections technologies
Miscellaneous technical education, other	*0699		5099	Other, specify
			5199	Other, specify
			5299	Other, specify
			5399	Other, specify
			5499	Other, specify
			5599	Other, specify

4. TRANSLATION TABLE FOR INTERAGENCY CLASSIFICATION OF FIELDS OF SCIENCE AND ENGINEERING

INTERAGENCY CLASSIFICATIONS *Discipline specialty*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*	
Physical Sciences				
Astronomy	11		1911	Astronomy
Chemistry	*12		1905	Chemistry, general
			1906	Inorganic chemistry
			1907	Organic chemistry
			1908	Physical chemistry
			1909	Analytical chemistry
			1910	Pharmaceutical chemistry
			0414	Biochemistry
Physics	*13		1902	Physics, general
			1903	Molecular physics
			1904	Nuclear physics
			0415	Biophysics
Physical sciences, not elsewhere classified	*19		1901	Physical sciences, general
			1999	Other, specify

* Accurate translation will require examination of the program to determine primary emphasis.

INTERAGENCY CLASSIFICATIONS *Discipline specialty*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*
Mathematics	*21	Mathematics, general	1701
		Statistics, mathematical and theoretical	1702
		Applied mathematics	1703
		Other, specify	1799
Environmental Sciences			
Atmospheric sciences	31	Atmospheric sciences and meteorology	1913
Geological sciences	*32	Geology	1914
		Geochemistry	1915
		Geophysics and seismology	1916
		Earth sciences, general	1917
Oceanography	33	Oceanography	1919
Environmental sciences, not elsewhere classified	*39	Physical sciences, general	1901
		Other, specify	1999
Engineering			
Aeronautical	41	Aerospace, aeronautical, and astronautical engineering	0902
Astronautical	42	Aerospace, aeronautical, and astronautical engineering	0902
Chemical	43	Chemical engineering	0906
Civil	44	Civil, construction, and transportation engineering	0908
Electrical	45	Electrical, electronics, and communications engineering	0909
Mechanical	46	Mechanical engineering	0910
Metallurgy and materials	*47	Metallurgical engineering	0914
		Materials engineering	0915
Engineering, not elsewhere classified	*49	Engineering, general	0901
		Other, specify	0999
Life Sciences			
Biological	*51	Biology, general	0401
		Botany, general	0402
		Bacteriology	0403
		Plant pathology	0404
		Plant pharmacology	0405
		Plant physiology	0406
		Zoology, general	0407
		Pathology, human and animal	0408
		Pharmacology, human and animal	0409
		Physiology, human and animal	0410
		Microbiology	0411
		Anatomy	0412
		Histology	0413
		Biochemistry	0414
		Biophysics	0415
		Molecular biology	0416
		Cell biology (cytology, cell physiology)	0417
		Marine biology	0418
		Biometrics and biostatistics	0419
		Ecology	0420
		Entomology	0421
		Genetics	0422
		Radiobiology	0423
		Nutrition, scientific	0424
		Neurosciences	0425
		Toxicology	0426
		Embryology	0427
Clinical medical	*52	Health professions, general	1201
		Nursing (baccalaureate and higher programs)	1203

* Accurate translation will require examination of the program to determine primary emphasis.

INTERAGENCY CLASSIFICATIONS *Discipline specialty*	*Code*	NEW HEGIS TAXONOMY *Discipline specialty*	*Code*
	*52	1204 Dentistry, D.D.S or D.M.D. degree	
		1205 Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	
		1206 Medicine, M.D. degree	
		1207 Medical specialties (work beyond first-professional degree, M.D.)	
		1208 Occupational therapy	
		1209 Optometry	
		1210 Osteopathic medicine, D.O. degree	
		1211 Pharmacy	
		1212 Physical therapy	
		1213 Dental hygiene (baccalaureate and higher programs)	
		1214 Public health	
		1216 Podiatry (Pod. D. or D.P.) or podiatric medicine (D.P.M.)	
		1218 Veterinary medicine (D.V.M. degree)	
		1219 Veterinary medicine specialties (work beyond first-professional degree, DVM)	
		1220 Speech pathology and audiology	
		1221 Chiropractic	
		1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)	
		1223 Medical laboratory technologies (baccalaureate and higher programs)	
		1224 Dental technologies (baccalaureate and higher programs)	
		1225 Radiologic technologies (baccalaureate and higher programs)	
Life sciences, not elsewhere classified	*59	0401 Biology, general	
		0499 Other, specify	
		1201 Health professions, general	
		1299 Other, specify	
Psychology			
Biological aspects	*61	2002 Experimental psychology	
		2003 Clinical psychology	
		2010 Physiological psychology	
Social aspects	*62	2005 Social psychology	
		2004 Psychology for counseling	
		2008 Industrial psychology	
Psychological sciences, not elsewhere classified	*69	2001 Psychology, general	
		2099 Other, specify	
Social Sciences			
Anthropology	71	2202 Anthropology	
Economics	72	2204 Economics	
History	73	2205 History	
Linguistics	74	1505 Linguistics	
Political science	75	2207 Political science and government	
Sociology	76	2208 Sociology	
Social sciences, not elsewhere classified	*79	2201 Social sciences, general	
		2299 Other, specify	
Other Sciences, not elsewhere classified	*99	4902 Biological and physical sciences (interdisciplinary)	
		4904 Engineering and other disciplines (interdisciplinary)	
		4999 Interdisciplinary, other	

* Accurate translation will require examination of the program to determine primary emphasis.

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